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**TITLE: SERVER EQUIPMENT, COMMUNICATION
CONNECTING METHOD AND
RECORDING MEDIUM RECORDING PROGRAM FOR
CONNECTING
COMMUNICATION**

PUBN-DATE: March 9, 1999

INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To expand the data sending out capability of Web data to a network by adding a network card consisting of a processor, a memory, a network interface part to a general purpose computer to expand a memory band width.

SOLUTION: A host CPU 2, a cash memory 3 and a main storage memory 4 are connected through a PCI(peripheral component interconnect) bus 1a on a host side. In addition, the PCI bus 1a on this host side is connected with another PCI bus through a host/PCI bridge 5. A network controller 6, network interface processors 7a, 7b,..., and SCSI controller 8, etc., are connected to this PCI bus. The controller 6 is provided in the form of a card to be loaded to a main device, e.g. The capability of a Web server is expanded at a comparatively low cost.

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PUB-NO: EP001003314A2

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TITLE: Improved totem communications system and method

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ABSTRACT:

CHG DATE=20001128 STATUS=O> An improvement is disclosed for a Totem system having a network and a plurality of host processors connectable to the network, each of which host processors includes a CPU and is configured for executing processes, wherein the improvement includes, for each host processor, a buffer memory and a co-processor for each host processor. The buffer memory is electrically connected to the CPU and configured for storing messages sent to or from the CPU. The co-processor is electrically connected for providing an interface between the network and the host processor, and is configured for responding to tokens and for delivering messages from the network to the buffer memory for retrieval by the CPU, and for delivering to the network messages stored in the buffer memory by the CPU. <IMAGE>